

03050106-070

(*Little River*)

General Description

Watershed 03050106-070 is located in Fairfield, Chester, and Richland Counties and consists primarily of the ***Little River*** and its tributaries. The watershed occupies 117,734 acres of the Piedmont region of South Carolina. The predominant soil types consist of an association of the Wilkes-Cecil series.

The erodibility of the soil (K) averages 0.26, and the slope of the terrain averages 14%, with a range of 2-40%. Land use/land cover in the watershed includes: 91.3% forested land, 4.4% agricultural land, 3.6% scrub/shrub land, 0.4% urban land, 0.2% barren land, and 0.1% water.

Big Creek and Little Creek join to form the headwaters of the Little River near the Town of Blackstock. Downstream of the confluence, the Little River accepts drainage from Camp Branch, Brushy Fork Creek (Dumpers Creek), the West Fork Little River (Weir Creek, Spring Branch, Williams Creek, Opossum Branch), Lick Branch, and Harden Branch. The Jackson Creek Watershed drains into the river next followed by Crumpton Creek, the Mill Creek Watershed, Morris Creek, Gibson Branch (Manns Branch, Russell Creek), and Home Branch. The Little River drains into the Broad River. There are a few ponds and lakes (totaling 115.2 acres) in this watershed and a total of 229.8 stream miles, all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
B-145	S/BIO	FW	LITTLE RIVER AT S-20-60, 3.1 MI SW OF JENKINSVILLE

Little River (B-145) - Aquatic life uses are fully supported based on macroinvertebrate community data and physical/chemical data. A very high concentration of zinc was measured in 1995. A significant decreasing trend in five-day biochemical oxygen demand suggests improving conditions for this parameter. Recreational uses are not supported due to fecal coliform bacteria excursions.

NPDES Program

Active NPDES Facilities

<i>RECEIVING STREAM FACILITY NAME PERMITTED FLOW @ PIPE (MGD) COMMENT</i>	<i>NPDES# TYPE LIMITATION</i>
MORRIS CREEK MARTIN MARIETTA/RION QUARRY PIPE #: 001 FLOW: M/R	SCG730060 MINOR INDUSTRIAL EFFLUENT

Nonpoint Source Management Program

Camp Facilities

FACILITY NAME/TYPE
RECEIVING STREAM

PERMIT #
STATUS

GLENN'S 6-10 CAMPGROUND/FAMILY
LITTLE RIVER TRIBUTARY

20-307-0012
ACTIVE

Mining Activities

MINING COMPANY
MINE NAME

PERMIT #
MINERAL

MARTIN MARIETTA MATERIALS
RION QUARRY

0100-39
GRANITE

Growth Potential

There is a low potential for growth in this watershed due to the absence of public utilities.